



**DIVISION: 04 00 00—MASONRY**  
**Section: 04 71 00—Manufactured Brick Masonry**  
**Section: 04 73 00—Manufactured Stone Masonry**

**REPORT HOLDER:**

**PEAK STUCCO AND STONE LLC**

**EVALUATION SUBJECT:**

**PEAK STONE**

**1.0 EVALUATION SCOPE**

**1.1 Compliance with the following codes:**

- 2021, 2018, 2015, 2012 and 2009 *International Building Code*® (IBC)
- 2021, 2018, 2015, 2012 and 2009 *International Residential Code*® (IRC)

**Properties evaluated:**

Properties addressed in ASTM C1670

**1.2 Evaluation to the following green code and/or standards:**

- 2019 California Green Building Standards Code (CALGreen), Title 24, Part 11
- 2020, 2015, 2012 and 2008 ICC 700 *National Green Building Standard*™ (ICC 700-2020, ICC 700-2015, ICC 700-2012 and ICC 700-2008)

**2.0 USES**

Peak Stone is used as an adhered, nonload-bearing exterior veneer on wood-framed or light gage steel stud walls, concrete walls, and masonry walls.

The attributes of Peak Stone have been verified as conforming to the provisions of (i) CALGreen Sections A4.405.1.3 (prefinished materials) and A5.406.1.2 (reduced maintenance); (ii) ICC 700-2020, ICC 700-2015 and ICC 700-2012 Sections 602.1.6 and 11.602.1.6 for termite-resistant materials; (iii) ICC 700-2020 Sections 601.7 and 11.601.7 and ICC 2015 and ICC 700-2012 Sections 601.7, 11.601.7, and 12.1(A).601.7 (site-applied finishing materials); and (iv) ICC 700-2008 Section 602.8 for termite-resistant materials and ICC 700-2008 Section 601.7 (site-applied finishing materials). Note that decisions on compliance for those areas rest with the user of this report. The user is advised of the project-specific provisions that may be contingent upon meeting specific conditions, and the verification of those conditions is outside the scope of this report. The code may provide supplemental information as guidance.

**3.0 DESCRIPTION**

Peak Stone is an adhered manufactured stone masonry veneer (AMSMV) complying with ASTM C1670, referenced in 2021 and 2018 IBC Section 2103.1 and 2021 and 2018 IRC Section R606.2.6. The AMSMV is made to resemble natural stone or brick in color and in texture. The concrete is composed of cement, aggregate, water, admixtures and coloring. The veneer units are molded and cured at the plant. The average saturated weight of the installed veneer units does not exceed 15 pounds per square foot (73.2 kg/m<sup>2</sup>). Evaluated veneer styles are listed in Table 1.

**4.0 INSTALLATION**

**4.1 General:**

Installation of Peak Stone must comply with this report, the manufacturer’s published installation instructions, and the applicable code. The manufacturer’s published installation instructions must be available at the jobsite at all times during installation. In accordance with the code, the veneer can be installed over a lath and mortar scratch coat or applied directly to concrete and masonry. Under the 2012 and 2009 IBC and IRC, which do not address installation requirements, the provisions of the 2015 or later IBC and IRC should be followed.

**4.2 Installation Over a Lath and Mortar Scratch Coat Over Framed Walls:**

The scratch coat must be installed over a water-resistive barrier complying with IBC Section 1404.10.1.1 (2015 IBC Section 1405.10.1.1) or IRC Section R703.12.3, as applicable. Also, flashing must be installed as required by IBC Section 1404.10.1.2 (2015 IBC Section 1405.10.1.2) or IRC Sections R703.4 and R703.12.2, as applicable, including a foundation weep screed installed at the bottom of the stone veneer. The foundation weep screed must comply with, and be installed in accordance with, the requirements for flashing at foundation shown in IBC Section 1404.10.1.2.1 (2015 IBC 1405.10.1.2.1) or IRC Section R703.12.2, as applicable. The veneer must be installed with the clearances required by IBC Section 1404.10.1.3 (2015 IBC Section 1405.10.1.3) or IRC Section R703.12.1, as applicable.

Lathing must comply with IBC Section 2510 [referenced from IBC Section 1404.10.1.4.1 (2015 IBC 1405.10.1.4.1)] or IRC Section R703.7.1 (referenced from IRC Section R703.12). The scratch coat must be applied in accordance with IBC Section 1404.10.1.4.2 (2015 IBC Section 1405.10.1.4.2) and the veneer units must be adhered to the scratch coat in accordance with IBC Section 1404.10.1.4.3 (2015 IBC Section 1405.10.1.4.3). The

mortar used to adhere the veneer units to the scratch coat must comply with IBC Section 2103.2.4 or IRC Section R606.2.11 (2015 IRC Section R606.2.10).

**4.3 Installation over Concrete and Masonry:**

Installation over concrete and masonry must comply with IBC Section 1404.10.1.5 (2015 IBC Section 1405.10.1.5). When adhering the veneer units directly to the concrete or masonry, the supporting surfaces must be prepared in accordance with IBC Section 2510.7; and the veneer units must be adhered to the supporting surface as described in Section 4.2. When adhering the veneer units to a lath and mortar scratch coat, the lathing and scratch coat preparation must comply with Section 4.2 of this report.

**5.0 CONDITIONS OF USE**

The Peak Stone veneer described in this report complies with, or is a suitable alternative to what is specified in, those codes listed in Section 1.0 of this report, subject to the following conditions:

- 5.1 Installation must comply with this report, the manufacturer’s published installation instructions and the applicable code. In the event of a conflict between the manufacturer’s published installation instructions and this report, this report governs.
- 5.2 Expansion or control joints, used to limit the effect of differential movement of AMSMV supports on the veneer system, are to be specified by the architect, designer or veneer manufacturer, in that order. Consideration must also be given to movement caused by temperature change, shrinkage, creep and deflection.
- 5.3 In jurisdictions adopting the IBC, the supporting wall must be designed to support the installed weight of the veneer system, including veneer, setting bed and scratch coat, as applicable. Horizontal framing members, such as lintels and headers, which support AMSMV must be designed to limit deflection to 1/600 of the span.

- 5.4 In jurisdictions adopting the IRC, where the seismic provisions of IRC Section R301.2.2 apply, the average weight of the wall supporting the AMSMV, including the weight of the veneer system, must be determined. When this weight exceeds the applicable limits of IRC Section R301.2.2.2.1, an engineered design of the wall construction must be performed in accordance with IRC Section R301.1.3.

- 5.5 Peak Stone is manufactured under a quality control program with inspections by ICC-ES.

**6.0 EVIDENCE SUBMITTED**

Data in accordance with the ICC-ES Acceptance Criteria for Adhered Manufactured Stone Masonry Veneer (AC51), dated June 2018 (editorially revised January 2021).

**7.0 IDENTIFICATION**

- 7.1 Pallets of precast stone veneer units are wrapped in plastic and are identified by a label with the manufacturer’s name (Peak), the style name, and the evaluation report number (ESR-3473).

- 7.2 The report holder’s contact information is the following:

**PEAK STUCCO AND STONE LLC**  
**6390 WEST 56<sup>th</sup> AVENUE**  
**ARVADA, COLORADO 80002**  
**(303) 424-9506**  
[www.peakstuccoandstone.com](http://www.peakstuccoandstone.com)

**TABLE 1—EVALUATED STYLES**

PRODUCT	STYLES
Peak Stone	Cathedral Stone, Cobble Ledge Stone, Cobble Stone, Field Stone, Ledge Stone, Mountain Ledge Stone, River Rock, Sand Stone, Stack Stone, Thin Brick, Travertine, Weather Ledge Stone, Western Ledge Stone